STATEMENT OF WORK
FOR EXPEDITIONARY STRIKE GROUP TWO (ESG2) TO GET VIDEO TELECONFERCING (VTC) SYSTEM UPGRADES IN BLDG 1602 ON JOINT EXPEDITIONARY BASE, LITTLE CREEK ANNEX, VIRGINIA BEACH VA

A. BACKGROUND

Expeditionary Strike Group TWO has a VTC System that consists of major components that were manufactured over 15 years ago. The system still functions, but maintenance issues are becoming more frequent and many of the components are no longer available for purchase due to being phased out. The command is possibly one failure away from having a system that cannot be repaired. In addition, replacing one or two older components is not feasible due to compatibility issues, and the capability of the entire system will still be significantly limited by the capacity of some of the older components. ESG-2 will also like to move from an ISDN capable system to an IP capable system, but keep the ISDN capability as a secondary means to connect. The IP options for our command is very limited, therefore the new VTC Endpoint must be on the NMCI Certified Device List. ESG-2 is very concerned with having a system that can be easily maintained and supported in the future, so only the most current systems from the list should be considered. ESG-2 would like to take advantage of some of the latest technology options, like high definition and content sharing. The existing system is a Polycom ViewStation PVS-14XX. In addition to upgrading the existing VTC system with an approved VTC system, contractor personnel involved in the performance of this task will also have to meet minimum security requirements, which is a DOD SECRET clearance.

B. SCOPE

A contractor with a SECRET clearance shall provide the technical services (labor, supervision, tools, materials and equipment) and transportation necessary to accomplish the following tasks in accordance with manufacturer's specifications:

1. Update existing ISDN based VTC System by configuring and integrating an IP and ISDN capable VTC system from the most current NMCI Certified Device List. VTC system will be capable of NIPR/SIPR IP video conferencing and Secure/Non-secure ISDN video conferencing. This can be accomplished by utilizing a single or dual codec configuration with JITC approved dial isolation (ISDN) and multiple domain (IP) isolation switches. Use existing ADTRAN ISU 512.

2. Properly configure the system to ensure that the security level under which it is operating (whether communicating via ISDN or IP) is easily identified through control system touch panel indication and internal room classification signage.

3. The system must be sufficient to support a 20ft X 40ft conference room so desktop models are not an acceptable option. A 12x zoom camera and content sharing will be included as part of the new system. Multisite licensing is not required.

4. Integrate the following gov't furnished equipment (GFE) into the new VTC, AV switching and control systems:

    A. Two existing Sharp AQUOS 80 inch LED 1080p Smart HDTVs (LC-80LE650U).
    B. Ceiling speakers
    C. RS530 Switch (model # DTD-5305)
    D. Table top flat screen computer monitor (located on conference table)
    E. Black Box ServSwitch KVM Switch
    F. Secure (HP ProDesk 600) (VGA output)
    G. Unclassified (HP Compaq 6200) desktop computer (VGA output)
    H. ADTRAN ISU 512

5. Integrate a new digital media (with legacy analog input capability) 8 x 8 switcher (providing expansion capacity for future growth) will be installed to support following source inputs:

    A. GFE SIPR and NIPR PCs (located in the work station)
    B. Guest laptop connections at GFE conference room table (x 1).
    C. New VTC codec (1 codec)
    D. New DVD/Bluray Player
    E. New integrated HD TV tuner

    Matrix switching capability will allow any source input (see list above) to be routed to either 80" display in the room.

6. A new digital signal processing (DSP) system will be installed and programmed to support high quality VTC audio. The DSP should also have a standard telephone interface for audio conferencing through room audio system. Voice input into VTC system will be accomplished through two tri-element mounted microphones hanging down from ceiling over conference room table. An audio status LED will be located under the camera in the front of the room.

7. Provide operator work station with equipment rack housing that fits with the room's décor (i.e.: matches the conference table and/or chair rails) and houses all existing and upgraded equipment. Installation of equipment in rack will be based on industry best practices and CTS-I standards focusing on ease of management, serviceability and future expansion and/or scalability. Wires should be hidden whenever possible and neatly arranged when visible. Wiring will run through overfloor raceway or under the carpet from wall to the conference room table and Panduit cable molding over wood trim.

8. Provide a control system that simplifies operations, and maximizes the access and functionality with all key installed equipment. System shall include 10" touch panel to be located at the operator work station and 7" touch panel to be located on the conference room table. System programming will be developed in consultation between vendor certified system programmer and ESG2 staff to ensure an intuitive and easy to use graphical user interface. The work station touch panel will provide a more in depth technical operator capability while the smaller touch panel located on the conference room table will provide a more basic end user interface for basic system setup and control.

9. Provide a 1 year warranty with industry standard technical support and maintenance Support shall include:

   A. Local support (defined as office within 50 miles of ESG2).
   B. 8 x 5 support with 24 hour onsite response for major system issues and 72 hour onsite response for minor system issues***.
   C. Manufacturer hardware and software maintenance on VTC codec.
   D. Loaner equipment (up to 50" display) if any ESG2 system requirement requires return to manufacturer for repair / replacement.
   E. Coverage includes hardware and labor support for all new AV and VTC equipment and labor support o`nly for existing (GFE equipment).

   *** Major system issue defined as a problem preventing video conferencing or local presentation on the system. Minor issues defined as affecting system performance but not preventing use***

Provide user training, operating instructions, material list which include model/serial numbers, as built system drawings and warranty information.

Periodic progress inspections will be performed and a final acceptance inspection will be conducted with the onsite project office and/or facility manager before final project acceptance sign off. It is desirable to not be without a functional VTC System for more than 5 working days.

C. GOVERNMENT FURNISHED MATERIAL/INFORMATION:

1. Existing components listed in paragraph B4.

D. CONTRACTOR FURNISHED MATERIAL:

1. All materials and labor to complete the task

E. DELIVERABLES:

1. Project plan that states key milestones and situations where coordination is required
2. Progress reports are necessary to explain deviations from the original project plan
3. System turnover which explains key changes and provides key documentation

F. QUALIFICATION REQUIREMENTS:

1. The vendor selected for the performance of this work must comply with licenses and certifications associated with this work. The vendor must be an authorized installer of the system and capable of properly documenting and executing all maintenance and warranty agreements.

G. SCHEDULE:

1. Project plan shall be presented to the Government's Technical Point of Contact within 10 days of contract award.
2. Progress reports are required to be submitted to the Government's Technical Point of Contact whenever a key milestone will be missed
3. System turnover with Government's Technical Point of Contact is required after all work is completed, prior to acceptance.
4. All work shall be completed within 45 days of contract award.

H. GOVERNMENT REPRESENTATIVES:

1. Point of Contact:

ITC Kelly Jones
Expeditionary Strike Group Two (ESG-2)
2600 Tarawa Court
Ste. 260, Building 1602
Virginia Beach, VA 23459-3229
Desk Phone 757-462-1306
Email: kelly.b.jones@navy.mil

NMCI Certified Dev

Updated March 11, 20

Note: Drivers and enabling software required for a device may not be available for c

Note: A list of NMCI-certified Blackberry devices can be located at: https://wv

Note: A list of NMCI-certified AirCard devices can be located at: https://www.homeport.na

OEM/Make	Device	Device Type	Model	Certification Source
Cisco	VTC Endpoint	Standards Based H.323	Telepresence System EX60, EX90	CLIN 14
Cisco	VTC Endpoint	Standards Based H.323	Telepresence CODEC C Series C60, C90	CLIN 14
Polycom	VTC Endpoint	Standards Based H.323	VSX 3000	CLIN 122
Polycom	VTC Endpoint	Standards Based H.323	VSX 5000	CLIN 115
Polycom	VTC Endpoint	Standards Based H.323	VSX 7000	CLIN 115
Polycom	VTC Endpoint	Standards Based H.323	VSX 8000	CLIN 115
Polycom	VTC Endpoint	Standards Based H.323	HDX 4000	CLIN 122
Polycom	VTC Endpoint	Standards Based H.323	HDX 6000	CLIN 115
Polycom	VTC Endpoint	Standards Based H.323	HDX 9000	CLIN 115
Polycom	VTC Endpoint	Standards Based H.323	HDX 7000	CLIN 115
Polycom	VTC Endpoint	Standards Based H.323	HDX 8000	CLIN 215

Tandberg	VTC Endpoint	Standards Based H.323	800/880/1000 Classic Movable/Desktop	CLIN 115
Tandberg	VTC Endpoint	Standards Based H.323	880 MXP Movable	CLIN 115
Tandberg	VTC Endpoint	Standards Based H.323	T 150 MXP Desktop	CLIN 122
Tandberg	VTC Endpoint	Standards Based H.323	Z 150 MXP Desktop CAP Compliant	CLIN 122
Tandberg	VTC Endpoint	Standards Based H.323	1000 MXP Desktop	CLIN 122
Tandberg	VTC Endpoint	Standards Based H.323	1700 MXP Desktop	CLIN 122
Tandberg	VTC Endpoint	Standards Based H.323	Edge 95 MXP Movable	CLIN 115
Tandberg	VTC Endpoint	Standards Based H.323	3000 MXP Tactical	CLIN 122
Tandberg	VTC Endpoint	Standards Based H.323	6000 MXP Movable	CLIN 115

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leployment for up to 15 business days after the Certification Date
vw.homeport.navy.mil/services/mobile/blackberry/devices/
avy.mil/services/clin/0152/data-cellular-solutions/data-cellular-devices/

Comment	Certification Date	Dev403 Number	Firm Ware	IATO/ATO
Network uVTC/cVTC VLAN	December 9, 2014	D403.VX011.01	TC5	ATP Ser ODAA/2888 09DEC14
Network uVTC/cVTC VLAN	December 9, 2014	D403.VX011.01	TC5	ATP Ser ODAA/2888 09DEC14
Network uVTC/cVTC VLAN	January 29, 2008	D403.30805.01	9.0	ATO Ser DAA/2065 21JUL07
Network uVTC/cVTC VLAN	July 23, 2007	D403.12318.10	9.0	ATO Ser DAA/2065 21JUL07
Network uVTC/cVTC VLAN	January 30, 2007	D403.12318.11	9.0	ATO Ser DAA/2065 21JUL07
Network uVTC/cVTC VLAN	October 4, 2005	D403.13281.01	9.0	ATO Ser ODAA/0982 05MAY10
Network uVTC/cVTC VLAN	March 25, 2010	D403.VX003.01	2.0.5	ATO Ser ODAA/0982 05MAY10
Network uVTC/cVTC VLAN	March 25, 2010	D403.VX005.01	2.0.5	ATO Ser ODAA/0982 05MAY10
Network uVTC/cVTC VLAN	March 25, 2010	D403.VX008.01	2.0.5	ATO Ser ODAA/0982 05MAY10
Network uVTC/cVTC VLAN	October 10, 2010	D403.VX008.01.	2.0.5	ATO Ser ODAA/0982 05MAY10
Network uVTC/cVTC VLAN	July 25, 2011	D403.VX008.01	2.0.5	ATO Ser ODAA/0982 05MAY10

Network uVTC/cVTC VLAN	May 2, 2003	DEV-403-R1.2-PLT-5002	E 4.0	IATO Ser N65-122/0257 14JUL02
Network uVTC/cVTC VLAN	August 27, 2007	D403.15319.01	D 9.0	IATO Ser N65-122/0257 14JUL02
Network uVTC/cVTC VLAN	March 5, 2008	D403.13271.02	F 6.0	ATO Ser DAA/2065 21JUL07
Network uVTC/cVTC VLAN	March 5, 2008	D403.13271.02 Ver 1.8	F 6.0	ATO Ser DAA/2065 21JUL07
Network uVTC/cVTC VLAN	August 27, 2007	D403.15319.02	F 6.0	IATO Ser N65-122/0257 14JUL02
Network uVTC/cVTC VLAN	March 25, 2010	D403.HC002.01	F 6.0	ATO Ser ODAA/0982 05MAY10
Network uVTC/cVTC VLAN	March 25, 2010	D403.HC003.01	F 6.0	ATO Ser ODAA/0982 05MAY10
Network uVTC/cVTC VLAN	January 29, 2008	D403.30805.01	F 6.0	ATO Mod Ser DAA/1272 22APR09
Network uVTC/cVTC VLAN	March 25, 2010	D403.VX009.01	F 6.0	ATO Ser ODAA/0982 05MAY10